Intel® Server System family R1000GZ/GL
Intel® Server System family R2000GZ/GL

Spares/Accessories List and Configuration Guide

A reference guide to assist customers in ordering the necessary components to configure the Intel® Server Board S2600GZ/GL and the appropriate 1U and 2U Intel Rack Mount Server Systems

Revision 1.2

March 2012

Enterprise Platforms and Services Marketing

Revision History

Feb ’11- Rev 0.1 – initial release for Beta

May’11 – Rev 0.2 – update for Silver.

June’11 – Rev 0.9 – Production draft

July’11 – Rev 0.93 – Production draft 2

Oct’11 – Rev 095 – Added MM numbers, updated software offering

Oct’11 – Rev 0951 – removed R2208GZ4GCSAS,R2312GZ4GC,R2224GZ4GC, added R2312GZ4GCSAS,R1208GZ4GCSAS, R2224GZ4GCSAS

Jan’12 – MOQ and MM# for SAS modules corrected, other corrections, entry-raid enabled systems R2216GZ4GCIOC, R1208GZ4GCIOC, R2308GZ4GCIOC added

Jan’12 – rev 1.0 final scrub before open books

March’12 – rev 1.2 – web post

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1. System Product Order Codes

1.1 Product Descriptions – Overview

Product based on the Intel® Server Board S2600GZ/GL will be offered as integrated system at production. Two main groups will be described below: 1U and 2U. Each group has variety of options to order from, including drive configurations, power supplies type and quantity, additional components.

Board will be offered as a 1-pack spare at launch. Chassis will not be offered separately.

EPSD Romley Chassis and Systems shipped to the US & Canada will contain North American power cords. North American customers no longer need to order skus ending in "**NA**" to receive power cords on Romley products.

1.2 Summary chart

For a quick overview, all configuration options are summarized on below chart. Reference details below in this document for MM numbers, configuration details and product order codes

Pcode	FF	HDD	# of HDD					Power supply	Rails	HDD Ports active	RAID	Storage Upgrade Inclued	Expander
R1304GZ4GC	1U	3.5	4					2x750W AC	Value	4 SATA	SW	None	None
R1208GZ4GC	1U	2.5		8				2x750W AC	Value	8 SATA	SW	RKSATA8 key	None
R1208GZ4GCSAS	1U	2.5		8				2x750W AC	Value	8 SAS	HW	RMS25CB080	None
R2208GZ4GC	2U	2.5		8				2x750W AC	Value	8 SATA	SW	RKSATA8 key	None
R2216GZ4GC	2U	2.5				16		2x750W AC	Value	16 SAS	SW	RKSAS8 key	RES2CV240
R2224GZ4GCSAS	2U	2.5					24	2x750W AC	Value	24 SAS	HW	RMS25CB080	RES2CV360
R2308GZ4GC	2U	3.5		8				2x750W AC	Value	8 SATA	SW	RKSATA8 key	None
R2312GZ4GCSAS	2U	3.5			12			2x750W AC	Value	12 SAS	HW	4SAS + RMS25CB080	None
R2208GZ4GC10G	2U	2.5		8				2x750W AC	Value	8 SATA	SW	RKSATA8 key	None
R2216GZ4GCLX	2U	2.5				16		2x750W AC	Value	16 SAS	HW	RMS25CB080	RES2CV240
R2208GZ4IS	2U	2.5		8				1x750W DC	Value	8 SATA	SW	RKSATA8 key	None
R1208GL4DS	1U	2.5		8				1x460W AC	Value	8 SATA	SW	RKSATA8 key	None
R2312GL4GS	2U	3.5			12			1x750W AC	Value	4 SATA	SW	None	None
R2208GL4GS	2U	2.5		8				1x750W AC	Value	8 SATA	SW	RKSATA8 key	None
R2308GL4GS	2U	3.5		8				1x750W AC	Value	8 SATA	SW	8SATA	No
R2216GZ4GCIOC	2U	2.5				16		2x750W AC	Value	16 SAS	SW	RMS25JB080	RES2CV240
R2308GZ4GCIOC	2U	3.5		8				2x750W AC	Value	8 SAS	SW	RMS25JB080	None
R1208GZ4GCIOC	1U	2.5		8				2x750W AC	Value	8 SAS	SW	RMS25JB080	None

1.3 Risers and IO options

S2600GZ/GL boards have two identical super-slots, with 24 lanes of PCI Express 3.0 routed from CPUs.

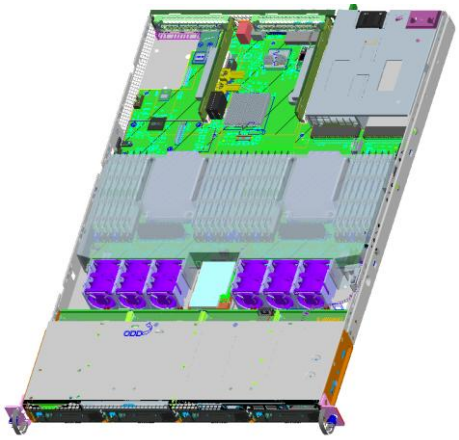
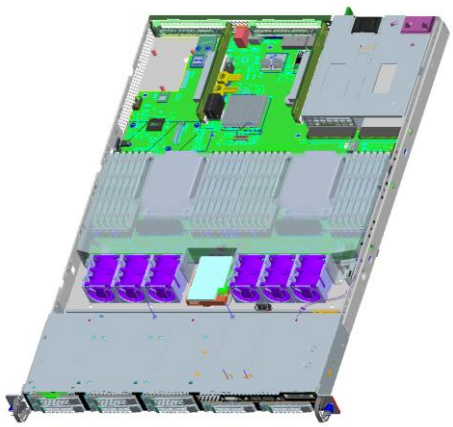
Riser 1 has 16 lanes from CPU1 and 8 lanes from CPU2. Riser 2 has 24 lanes solely from CPU2. This implies that in single CPU operation – only first 16 lanes on Riser 1 are available.

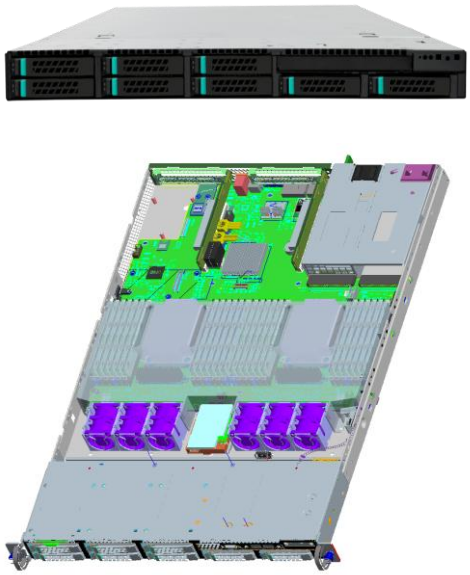
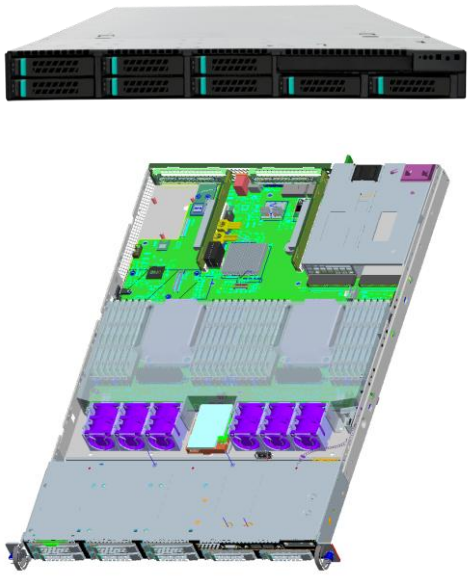
1U system has only 1 riser option available, that works for both slots: single slot PCIe3 x16.
2U system has 3 options: 3x8 PCIe3; 1x16 + 1x8; and 2xPCI-X 133 + 1x8 PCIe3.
Other IO options include: SAS module and Intel IO module, with x8 PCIe3 lanes available to each from CPU1.
SAS module and IO module slots are not inter-compatible.

1.4 Available board spares for GZ family

Image	Product Code MM UPC EAN	Description
	S2600GZ4 917968 735858239509 5032037034289 MOQ:1	Intel Server Board S2600GZ4 • Supports dual Intel Xeon E5-2600 processors • Maximum supported TDP 135W (not available in all chassis) • Intel C-600 chipset • 24 DDR3/DDR3L DIMMs • 8 SCU ports (4 SATA ports only functional w/NO storage keys) • 2 SATA 6G ports • 4 Integrated 1Gb ports (Intel Ethernet Controller I350) • Integrated Baseboard Management controller with IPMI 2.0 support • Optional advanced management features activated by AXXRMM4LITE key • Optional dedicated 1Gbe management port • Support for Intel IO expansion module option • Support for Intel SAS module option Box contains: one spare motherboard
	S2600GL4 917969 735858239516 5032037034296 MOQ:1	Intel Server Board S2600GL4 Same as above, but only 16 DIMMs • Supports dual Intel Xeon E5-2600 processors • Maximum supported TDP 130W 135W (not available in all chassis) • Intel C-600 chipset • 16 DDR3/DDR3L DIMMs • 8 SCU ports (4 SATA ports only functional w/NO storage keys) • 2 SATA 6G ports • 4 Integrated 1Gb ports (Intel Ethernet Controller I350) • Integrated Baseboard Management controller with IPMI 2.0 support • Optional advanced management features activated by AXXRMM4LITE key • Optional dedicated 1Gbe management port • Support for Intel IO expansion module option • Support for Intel SAS module option Box contains: one spare motherboard

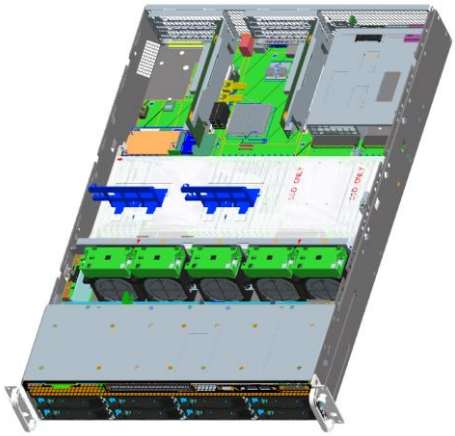
1.5 Available production system order codes for R1000GZ family (1U Rack)

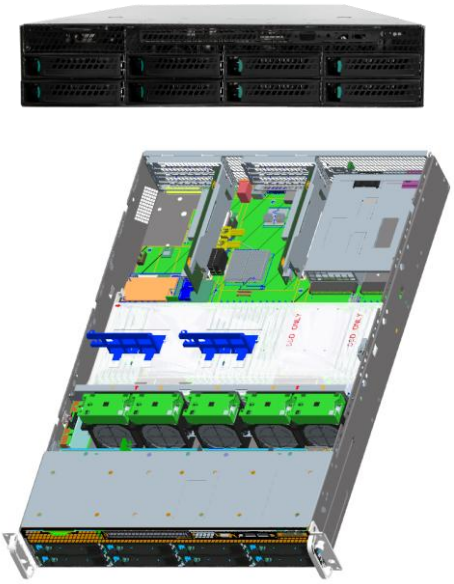
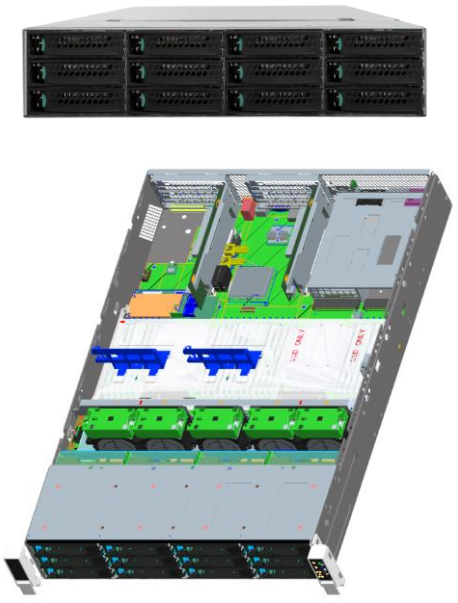
Image	Product Code MM UPC EAN MOQ	Description
  	R1304GZ4GC 916994 735858228282 5032037023139 MOQ: 1	**Intel Server System** R1304GZ4GC Integrated server system with 4 SATA ports standard, 24 DIMMs • S2600GZ4 board in 1U chassis (S2600GZ4) • Max CPU TDP supported – 130W • Standard control panel (board FFPANEL) • Front 1xVGA and 2xUSB in dedicated tray • ODD bay for CD/DVD drive support • 4x3.5” HS HDD support (carriers FXX35HSADPB included, backplane FR1304HSBP) • One AXXCBL1030MR7R cable installed. (AXXCBL850MS7R straight cable required if HBA or SAS I/O module installed) • Two CPU heatsinks • Two risers: 1x16 PCIe FHHL slot on each (F1UL16RISER) • Two 750W AC PSU (FXX750PCRPS) • Full RMM4 (key and NIC) preinstalled (AXXRMM4R) • Value rail kit (AXXVRAIL) *There are no required EPSD components to make this system functional.*
  	R1208GZ4GC 916995 735858228305 5032037023153 MOQ: 1	**Intel Server System** R1208GZ4GC Integrated Server System with 8 SATA ports standard, 24 DIMMs • S2600GZ4 board (S2600GZ4) in 1U chassis • Max CPU TDP supported – 130W • Standard control panel (board FFPANEL) • ODD bay for CD/DVD drive support • Front 1xVGA and 2xUSB in ODD bay • 8x2.5” HS HDD support (carriers FXX25HSCAR included, F1U8X25HSBP backplane) • Two cables: AXXCBL770MRMR and AXXCBL550MRMR included. • Two CPU heatsinks • Two risers: 1x16 PCIe FHHL slot on each (F1UL16RISER) • RKSATA8 storage activation key installed – to enable 8 ports SATA • Two 750W AC PSU (FXX750PCRPS) • Full RMM4 (key and NIC) preinstalled (AXXRMM4R) • Value rail kit (AXXVRAIL) *There are no required EPSD components to make this system functional.*

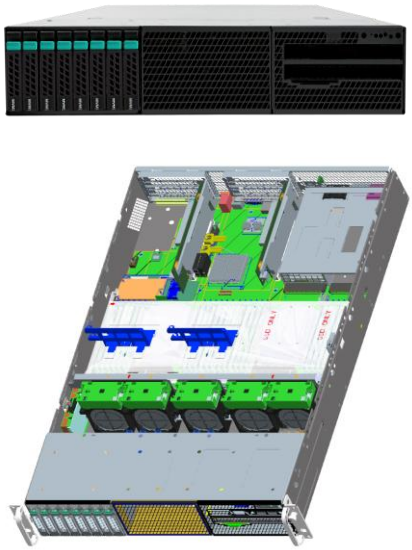
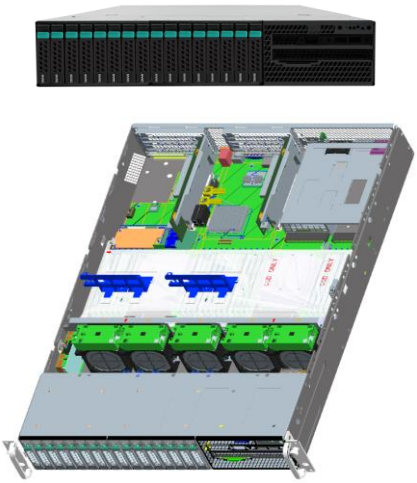
	R1208GZ4GCSAS 916999 735858228329 5032037023177 MOQ: 1	**Intel Server System** R1208GZ4GCSAS Integrated Server System with 8 HW SAS ports standard, 24 DIMMs • S2600GZ4 board (S2600GZ4) in 1U chassis • Max CPU TDP supported – 130W • Standard control panel (board FFPANEL) • ODD bay for CD/DVD drive support • Front 1xVGA and 2xUSB in ODD bay • 8x2.5" HS HDD support (carriers FXX25HSCAR included, backplane F1U8X25HSBP) • Two AXXCBL585MSMR right angle cables • Two CPU heatsinks • Two risers: 1x16 PCIe FHHL slot on each (F1UL16RISER) • Two 750W AC PSU (FXX750PCRPS) • Full RMM4 (key and NIC) preinstalled (AXXRMM4R) • Value rail kit (AXXVRAIL) • RMS25CB080 8-port HW RAID SAS module preinstalled and cabled *There are no required EPSD components to make this system functional.*
	R1208GZ4GCIOC 921081 735858245425 5032037039949 MOQ: 1	**Intel Server System** R1208GZ4GCIOC Integrated Server System with 8 Entry-Raid SAS ports standard, 24 DIMMs • S2600GZ4 board (S2600GZ4) in 1U chassis • Max CPU TDP supported – 130W • Standard control panel (board FFPANEL) • ODD bay for CD/DVD drive support • Front 1xVGA and 2xUSB in ODD bay • 8x2.5" HS HDD support (carriers FXX25HSCAR included, backplane F1U8X25HSBP) • Two AXXCBL585MSMR right angle cables • Two CPU heatsinks • Two risers: 1x16 PCIe FHHL slot on each (F1UL16RISER) • Two 750W AC PSU (FXX750PCRPS) • Full RMM4 (key and NIC) preinstalled (AXXRMM4R) • Value rail kit (AXXVRAIL) • RMS25JB080 8-port Entry-RAID SAS module preinstalled and cabled *There are no required EPSD components to make this system functional.*

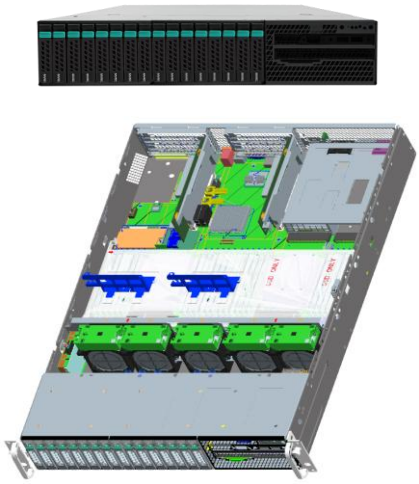
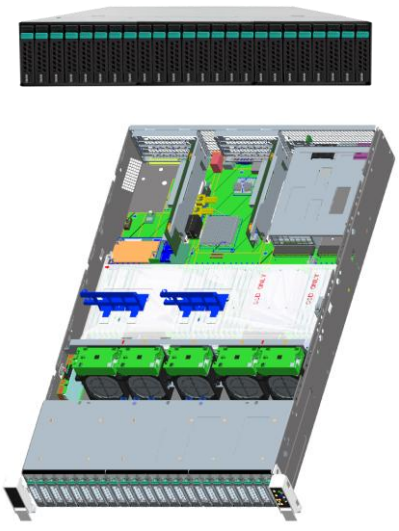
	R1208GL4DS 916997 735858239554 5032037034333 MOQ: 1	**Intel Server System** R1208GL4DS Integrated Server System with 16 DIMM board and 8 SATA ports, 16 DIMMs • S2600GL4 board (S2600GL4) in 1U chassis (16 DIMM) • Max CPU TDP supported – 130W • Standard control panel (board FFPANEL) • ODD bay for CD/DVD drive support • Front 1xVGA and 2xUSB in ODD bay • 8x2.5” HS HDD support (carriers FXX25HSCAR included, backplane F1U8X25HSBP) • Two cables: AXXCBL770MRMR and AXXCBL550MRMR included. • Two CPU heatsinks • Two risers: 1x16 PCIe FHHL slot on each (F1UL16RISER) • RKSATA8 storage activation key installed – to enable 8 ports SATA • One 460W AC PSU (FXX460GCRPS) • Full RMM4 (key and NIC) preinstalled (AXXRMM4R) • Value rail kit (AXXVRAIL) *There are no required EPSD components to make this system functional.*

1.6 Available production system order codes for R2000GZ family (2U Rack)

Image	Product Code MM UPC	Description
  	R2308GZ4GC 917004 735858239646 5032037034425 MOQ: 1	**Intel Server System** R2308GZ4GC Integrated Server System with 8 SATA ports standard, 24 DIMMs • S2600GZ4 board (S2600GZ4) in 2U chassis • Max CPU TDP supported – 130W • Airduct • Standard control panel (board FFPANEL) • ODD bay for CD/DVD drive support • Front 1xVGA and 2xUSB in dedicated tray • Provision for 2 SSD mount on airduct • 8x3.5” HS HDD support (carriers FXX35HSADPB, backplane F2U8X35HSBP) • Two AXXCBL730MSMS SAS cables • Two CPU heatsinks • Redundant and hotswap cooling fans • Two risers: 3x8 PCIe slots on each • (2xFHFL+1xFHHL) (A2UL8RISER) • RKSATA8 storage activation key installed – to enable 8 ports SATA • Two 750W AC PSU (FXX750PCRPS) • Full RMM4 (key and NIC) preinstalled (AXXRMM4R) • Value Rails (AXXVRAIL) *There are no required EPSD components to make this system functional.*
	R2308GL4GS 917011 735858239592 5032037034371 MOQ:1	**Intel Server System** R2308GL4GS Integrated Server System with 8 SATA ports standard, 16 DIMMs • S2600GL4 board (S2600GL4) in 2U chassis • Max CPU TDP supported – 130W • AIrduct • Standard control panel (board FFPANEL) • ODD bay for CD/DVD drive support • Front 1xVGA and 2xUSB in dedicated tray • Provision for 2 SSD mount on airduct • 8x3.5” HS HDD support (carriers FXX35HSADPB, backplane F2U8X35HSBP) • Two AXXCBL730MSMS SAS cables • Two CPU heatsinks • Redundant and hotswap cooling fans • Two risers: 3x8 PCIe slots on each • (2xFHFL+1xFHHL) (A2UL8RISER) • RKSATA8 storage activation key installed – to enable 8 ports SATA • One 750W AC PSU (FXX750PCRPS) • Full RMM4 (key and NIC) preinstalled (AXXRMM4R) • Value Rails (AXXVRAIL) *There are no required EPSD components to make this system functional.*

	R2308GZ4GCIOC 921082 735858245401 5032037039925 MOQ: 1	**Intel Server System** R2308GZ4GCIOC Integrated Server System with 8 Entry-RAID SAS ports standard, 24 DIMMs • S2600GZ4 board (S2600GZ4) in 2U chassis • Max CPU TDP supported – 130W • Airduct • Standard control panel (board FFPANEL) • ODD bay for CD/DVD drive support • Front 1xVGA and 2xUSB in dedicated tray • Provision for 2 SSD mount on airduct • 8x3.5” HS HDD support (carriers FXX35HSADPB, backplane F2U8X35HSBP) • Two SAS cables: AXXCBL500MSMS and AXXCBL650MSMS • Two CPU heatsinks • Redundant and hotswap cooling fans • Two risers: 3x8 PCIe slots on each • (2xFHFL+1xFHHL) (A2UL8RISER) • Two 750W AC PSU (FXX750PCRPS) • Full RMM4 (key and NIC) preinstalled (AXXRMM4R) • Value Rails (AXXVRAIL) • RMS25JB080 8-port Entry-RAID SAS module preinstalled and cabled *There are no required EPSD components to make this system functional.*
	R2312GZ4GCSAS 917018 735858239653 5032037034432 MOQ: 1	**Intel Server System** R2312GZ4GCSAS Integrated Intel Server System with 12 SAS ports standard, 24 DIMMs • S2600GZ4 board (S2600GZ4) in 2U chassis • Max CPU TDP supported – 130W • Airduct • Control panel on rack handle (A2USTOPANEL) • No ODD support. • Provision for 2 SSD mount on airduct • 12x3.5” HS HDD support (carriers FXX35HSADPB included,backplane F2U12X35HSBP) • One AXXCBL730MSMS and two AXXCBL650MSMS SAS cables • Two CPU heatsinks • Redundant and hotswap cooling fans • Two risers with 3 x8 slots (2xFHFL+ 1xFHHL) (A2UL8RISER) • RKSAS4 storage activation key installed – to enable 4 ports SAS • Onboard ports cabled to drives 8 thru 11 • Two 750W AC PSU (FXX750PCRPS) • Full RMM4 (key and NIC) preinstalled (AXXRMM4R) • Value rails (AXXVRAIL) • RMS25CB080 8-port HW RAID SAS module preinstalled and cabled to drives 0 thru 7 *There are no required EPSD components to make this system functional.*

	R2208GZ4GC 917001 735858228251 5032037023108 MOQ: 1	**Intel Server System** R2208GZ4GC Integrated Intel Server System with 8 SATA ports standard, 24 DIMMs • S2600GZ4 board (S2600GZ4) in 2U chassis • Max CPU TDP supported – 130W • Airduct • Standard control panel (board FFPANEL) • ODD bay for CD/DVD drive support • Front 1xVGA and 2xUSB on dedicated tray • Provision for 2 SSD mount on airduct • 8x2.5” HS HDD support (carriers FXX25HSCAR included, backplane FXX8X25HSBP) • Two AXXCBL730MSMS SAS cables • Two CPU heatsinks • Redundant and hotswap cooling fans • Two risers with 3 x8 slots (2xFHFL+1xFHHL) (A2UL8RISER) • RKSATA8 storage activation key installed – to enable 8 ports SATA • Two 750W AC PSU (FXX750PCRPS) • Full RMM4 (key and NIC) preinstalled (AXXRMM4R) • Value rails (AXXVRAIL) *There are no required EPSD components to make this system functional.*
	R2216GZ4GC 917002 735858235563 5032037030311 MOQ: 1	**Intel Server System** R2216GZ4GC Integrated Intel Server System with 16 SAS ports standard, 24 DIMMs • S2600GZ4 board (S2600GZ4) in 2U chassis • Max CPU TDP supported – 130W • Airduct • Standard control panel (board FFPANEL) • ODD bay for CD/DVD drive support • Front 1xVGA and 2xUSB on dedicated tray • Provision for 2x2.5” SSD mount on airduct • 16x2.5” HS HDD support (carriers FXX25HSCAR included, 2x backplane FXX8X25HSBP) • One AXXCBL600MSMS, One AXXCBL730MSMS, Two AXXCBL185MSMS and Two AXXCBL165MSMS SAS cables • Two CPU heatsinks • Redundant and hotswap cooling fans • Two 2U riser with 3 x8 slots (2xFHFL + 1xFHHL) (A2UL8RISER) • RES2CV240 Integrated 24 port expander • RKSAS8 storage activation key installed – to enable 8 ports SAS • Two 750W AC PSU (FXX750PCRPS) • Full RMM4 (key and NIC) preinstalled (AXXRMM4R) • Value rails (AXXVRAIL) *There are no required EPSD components to make this system functional.*

	R2216GZ4GCIOC 921083 735858245418 5032037039932 MOQ: 1	**Intel Server System** R2216GZ4GC Integrated Intel Server System with 16 SAS ports standard, 24 DIMMs • S2600GZ4 board (S2600GZ4) in 2U chassis • Max CPU TDP supported – 130W • Airduct • Standard control panel (board FFPANEL) • ODD bay for CD/DVD drive support • Front 1xVGA and 2xUSB on dedicated tray • Provision for 2x2.5” SSD mount on airduct • 16x2.5” HS HDD support (carriers FXX25HSCAR included, 2x backplane FXX8X25HSBP) • 6 SFF8087 to SFF8087 cables (5 installed and 1 in accessory box) • Two CPU heatsinks • Redundant and hotswap cooling fans • Two 2U riser with 3 x8 slots (2xFHFL + 1xFHHL) (A2UL8RISER) • RES2CV240 Integrated 24 port expander • Two 750W AC PSU (FXX750PCRPS) • Full RMM4 (key and NIC) preinstalled (AXXRMM4R) • Value rails (AXXVRAIL) • RMS25JB080 8-port Entry-RAID SAS module preinstalled and cabled *There are no required EPSD components to make this system functional.*
	R2224GZ4GCSAS 917013 735858239622 5032037034401 MOQ: 1	**Intel Server System** R2224GZ4GCSAS Integrated Server System with 24 SAS ports standard, 24 DIMMs • S2600GZ4 board (S2600GZ4) in 2U chassis • Max CPU TDP supported – 130W • Airduct • Control panel on rack handle (A2USTOPANEL) • No ODD support • Provision for 2x2.5” SSD mount on airduct • 24x2.5” HS HDD support (carriers FXX25HSCAR included, 3x backplane FXX8X25HSBP) • 8 SFF8087 to SFF8087 cables • Two risers with 3 x8 slots (2xFHFL + 1xFHHL) (A2UL8RISER) • Redundant and hotswap cooling fans • RES2CV360 Integrated 36 port expander • Two 750W AC PSU (FXX750PCRPS) • Full RMM4 (key and NIC) preinstalled (AXXRMM4R) • Value rails (AXXVRAIL) • RMS25CB080 8-port HW RAID SAS module preinstalled and cabled to 36 port expander for 24 drive support *There are no required EPSD components to make this system functional.*

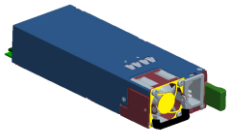
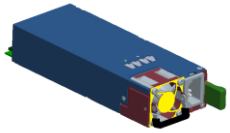
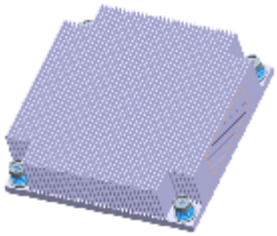
	R2208GZ4GC10G 917015 735858228268 5032037023115 MOQ: 1	**Intel Server System** R2208GZ4GC10G Integrated Server System with pre-installed dual port SFP+ 10GB IOM, 24 DIMMs • S2600GZ4 board (S2600GZ4) in 2U chassis • Max CPU TDP supported – 130W • Airduct • Standard control panel (board FFPANEL) • ODD bay for CD/DVD drive support • Front 1xVGA and 2xUSB on dedicated tray • Provision for 2 SSD mount on airduct • 8x2.5”HS HDD support (carriers FXX25HSCAR included, backplane FXX8X25HSBP) • 2 SFF8087 to SFF8087 cables • Two CPU heatsinks • Redundant and hotswap cooling fans • Two risers with 3 x8 slots (2xFHFL+1xFHHL) (A2UL8RISER) • RKSATA8 storage activation key installed – to enable 8 ports SATA • Two 750W AC PSU (FXX750PCRPS) • Full RMM4 (key and NIC) preinstalled (AXXRMM4R) • Value rails (AXXVRAIL) • **AXX10GBNIAIOM 2-port SFP+ 10GB IO Module pre-installed, no optical modules** *There are no required EPSD components to make this system functional.*
	R2216GZ4GCLX 918537 735858239639 5032037034418 MOQ: 1	**Intel Server System** R2216GZ4GCLX Integrated Server System with pre-installed 10G, 8 SAS HW Raid module and expander, 24 DIMMs • S2600GZ4 board (S2600GZ4) in 2U chassis • Max CPU TDP supported – 130W • Airduct • Standard control panel (board FFPANEL) • Front 1xVGA and 2xUSB on dedicated tray • ODD bay for CD/DVD drive support • Provision for 2x2.5” SSD mount on airduct • 16x2.5” HS HDD support (carriers FXX25HSCAR, 2x backplanes FXX8X25HSBP) • 6 SFF8087 to SFF8087 cables (5 installed and 1 in accessory box) • Two CPU heatsinks • Redundant and hotswap cooling fans • Two 2U riser with 3 x8 slots (2xFHFL + 1xFHHL) (A2UL8RISER) • RES2CV240 Integrated 24 port expander • Two 750W AC PSU (FXX750PCRPS) • Full RMM4 (key and NIC) preinstalled (AXXRMM4R) • Value rails (AXXVRAIL) • **RMS25CB080 8-port HW RAID SAS module preinstalled and cabled to expander** • **AXX10GBNIAIOM 2-port SFP+ 10GB IO Module pre-installed, no optical modules** *There are no required EPSD components to make this system functional.*

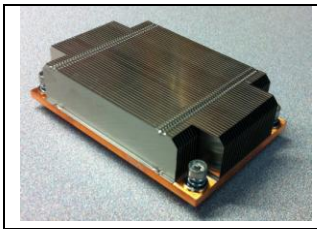
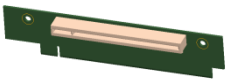
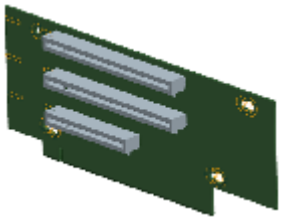
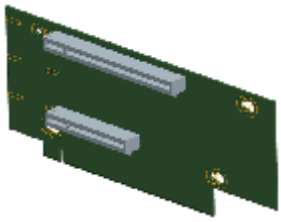
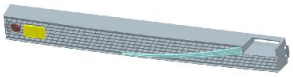
	R2208GZ4IS 918914 735858239660 R2208GZ4IS MOQ: 1	**Intel Server System** R2208GZ4IS Integrated Server System with 48V DC power supply, 24 DIMMs • S2600GZ4 board (S2600GZ4) in 2U chassis • Max CPU TDP supported – 130W • Airduct • Standard control panel (board FFPANEL) • ODD bay for CD/DVD drive support • Front 1xVGA and 2xUSB on dedicated tray • Provision for 2 SSD mount on airduct • 8x2.5” HS HDD support (carriers FXX25HSCAR included, backplane FXX8X25HSBP) • 2 SFF8087 to SFF8087 cables • Two CPU heatsinks • Redundant and hotswap cooling fans • Two risers with 3 x8 slots (2xFHFL+1xFHHL) (A2UL8RISER) • RKSATA8 storage activation key installed – to enable 8 ports SATA • One 750W -48V DC PSU (FXX750DCRPS) • Full RMM4 (key and NIC) preinstalled (AXXRMM4R) • Value rails (AXXVRAIL) **System is not available at launch** *There are no required EPSD components to make this system functional.*
	R2312GL4GS 917012 735858239615 5032037034395 MOQ: 1	**Intel Server System** R2312GL4GS Integrated Server System with 16 DIMM board and open storage configuration, 16 DIMMs • S2600GL4 board (S2600GL4) in 2U chassis • Max CPU TDP supported – 130W • Airduct • Control panel on rack handle (A2USTOPANEL) • No ODD support. • Provision for 2 SSD mount on airduct • 12x3.5” HS HDD support (carriers FXX35HSADPB, backplane F2U12X35HSBP) • 3 SFF8087 to SFF8087 cables • Two CPU heatsinks • Redundant and hotswap cooling fans • Two risers with 3 x8 slots (2xFHFL+ 1xFHHL) (A2UL8RISER) • One 750W AC PSU (FXX750PCRPS) • Full RMM4 (key and NIC) preinstalled (AXXRMM4R) • Value rails (AXXVRAIL) • **No activation keys or expander – only 4 SATA ports supported standard.** *There are no required EPSD components to make this system functional.*

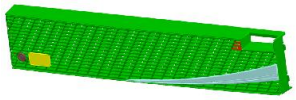
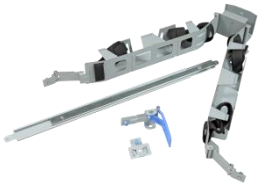
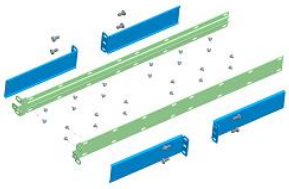
	R2208GL4GS 917008 735858239561 5032037034340 MOQ: 1	**Intel Server System** R2208GL4GS Integrated Server System with 8 SATA 2.5” drives and 16DIMM motherboard, 16 DIMMs • S2600GZ4 board (S2600GL4) in 2U chassis • Max CPU TDP supported – 130W • Airduct • Standard control panel (board FFPANEL) • ODD bay for CD/DVD drive support • Front 1xVGA and 2xUSB on dedicated tray • Provision for 2 SSD mount on airduct • 8x2.5” HS HDD support (carriers FXX25HSCAR, backplane FXX8X25HSBP) • 2 SFF8087 to SFF8087 cables • Two CPU heatsinks • Redundant and hotswap cooling fans • Two risers with 3 x8 slots (2xFHFL+1xFHHL) (A2UL8RISER) • RKSATA8 storage activation key installed – to enable 8 ports SATA • One 750W AC PSU (FXX750PCRPS) • Full RMM4 (key and NIC) preinstalled (AXXRMM4R) • Value rails (AXXVRAIL) *There are no required EPSD components to make this system functional.*

2. Spares and Accessories Order Codes

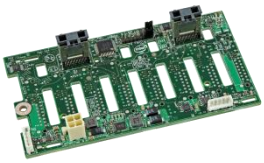
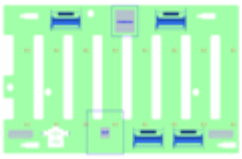
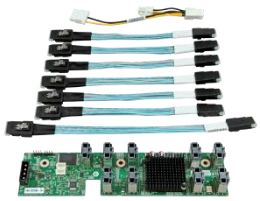
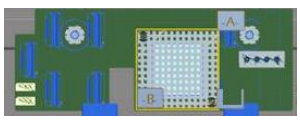
2.1 General spares and accessories

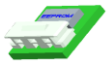
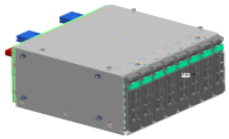
Image	Product Code MM UPC EAN	Description	MOQ
	A2USTOPANEL 918248 735858241038 5032037035781	Storage rack ear control panel kit. Includes cable and adapter board, screws, second matching (empty) rack handle, can be used for upgrade. Compatible with R2000 family.	1
	FXX750PCRPS 915604 735858234979 5032037030601	750W AC CRPS 80+ Platinum efficiency power supply spare/accessory.	1
	FXX460GCRPS 915603 735858235846 5032037030595	460W CRPS 80+ Gold efficiency power supply spare/accessory.	1
	FXX750DCCRPS Not available at launch	750W -48v DC (Direct current) CRPS 80+ Gold efficiency power supply spare/accessory. **Not available at launch.**	1
	A1U2ULCP 921028 735858245302 5032037039826 Not available at launch	LCP Module (local control panel) Enables system to display critical errors from SEL for instant diagnostic. Also allows custom message for branding. When installed – replaces ODD on 1208 family, and replaces IO ports tray on 1304,2208,2216,2308 families. Not compatible with 2224 and 2312 families. Module has 2 USB ports. No front video connector.	1
	FFPANEL 911682 735858219327 5032037019255	Front Panel board spare for use on 1U/2U rack systems (R1000, R2000 except R2224 and R2312) Rack chassis and P4300 Pedestal Chassis	5
	FXXEA91X91HS 918251 735858236669 32037031431	Spare standard 91.5x91.5 Heatsink Extruded Aluminum for S2600GL (16 DIMM) board	10

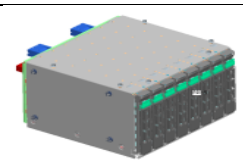
	BXSTS200PNRW 915971 735858221801 5032037014489	Spare narrow Copper heatsink, for S2600GZ (24-DIMM) board	1
	F1UL16RISER 917989 735858240482 5032037035217	Spare 1U riser for R1000GZ/GL family. PCIe x16 FHHL. Includes 2 mounting screws.	1
	A2UL8RISER 917979 735858240499 5032037035224	Spare 2U 3 slot riser for GZ/GL/BB boards: Three PCIe x8 Gen3 ports electrical. Top two connectors are x16 mechanical. Lower connector is x8 mechanical. Riser has auxiliary power connector which should only be used when power required by cards thru PCIe connectors exceeds 100W total Includes 1 mounting screw.	1
	A2UL16RISER 917981 735858240512 5032037035248	Accessory 2U 2 slot riser for GZ/GL/BB boards: Top connector: PCIe x16 electrical with x16 mechanical. Bottom connector: one PCIe x8 electrical with x8 mechanical connector. Middle location is empty. Riser has auxiliary power connector which should only be used when power required by cards thru PCIe connectors exceeds 100W total Includes 1 mounting screw and power cable for graphic cards.	1
	A2ULPCIXRISER 917980 735858240505 5032037035231	Accessory 2U PCI-X riser for GZ/GL/BB boards: Top two PCI-X 133 MHZ connectors (separate buses) in upper two locations. Bottom connector: PCIe x8 electrical/mechanical Includes 1 mounting screw.	1
	FR1000FAN10P 917871 735858240918 5032037035668	Two (2) spare fan for 1U R1000GZ/GL/BB system. 40x56mm dual rotor with 10p connector	1
	FR2000FAN60HS To be updated. replacing FR2000FAN10P	Two (2) spare fans for 2U R2000GZ/GL/BB system. 60x38mm, with hot swap connector	1
	A1UBEZEL 917983 735858241120 5032037035873	1U locking bezel with two branding clip-on inserts for logo, and one snap-on swoosh	1

	A2UBEZEL 918086 735858241137 5032037035880	2U locking bezel with two branding clip-on inserts for logo, and one snap-on swoosh	1
	AXXVRAIL 912796 735858219693 5032037015202	Value Rail Kit Works for all 438mm wide Intel Rack Chassis 1U, 2U, 4U	1
	AXXPRAIL 912797 735858219686 5032037014823	1U/2U Premium Rail Kit Full extension and toolless rail kit. Supports cable management arm	1
	AXX1U2UCMA 913117 735858224604 5032037019972	Cable management arm for Premium 1U/2U rail kit	1
	AXX2POSTBRCKT 918808 735858245319 5032037039833	Fixed mount bracket kit for 2-post racks	1
	AXXSATADVDROM 906872 735858197663 5032037015127	Slimline SATA DVDROM Device	1
	AXXSATADVDRWROM 906873 735858197670 5032037015134	Slim SATA DVD+/-RW ROM Accessory	1
	FPWRCABLENA 879287 735858181129 5032037015738	North American Power Cord Spare	1

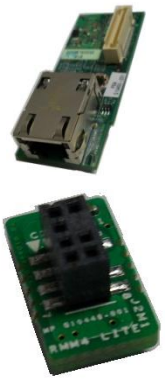
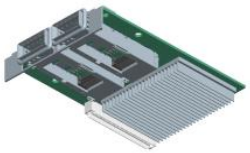
2.3 Drive/storage subsystem spares and accessories

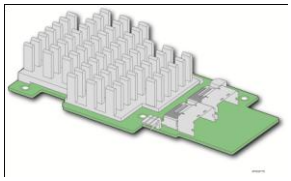
Image	Product Code MM UPC	Description	MOQ
	FR1304HSBP 912384 735858219334 5032037015783	Hot swap backplane board spare for 1U 4x3.5” chassis (R1304 family)	1
	FXX8X25HSBP 917973 735858240987 5032037035736	Single port hot swap backplane board spare for 2U 8x2.5" cage (R2200 and P4000 families)	1
	FXX8X25DPBP 917974 735858240994 5032037035743	Dual Port hot swap backplane board spare for 2U 8x2.5" cage (R2200 and P4000 families) Not available at launch	1
	F2U8X35HSBP 917975 735858241007 5032037035750	Hot swap backplane board spare for 2U 8x3.5" chassis (R2308 family)	1
	F1U8X25HSBP 917977 735858241014 5032037035767	Hot swap backplane board spare for 1U 8x2.5" chassis (R1208 family)	1
	F2U12X35HSBP 917976 735858241021 5032037035774	Hot swap backplane board spare for 2U 12x3.5" chassis (R2312 family)	1
	RES2CV360 918935 735858241168 5032037035897	Integrated 36 port 6G SAS expander, compatible with R2200, P4000M/L families of chassis (2U/4U 2.5” chassis). Based on LSI* LSISAS2x36 chip. Includes 3 screws and bumpers, 6 Mini-SAS cables and power cable.	1
	RES2CV240 918934 735858241175 5032037035903	Integrated 24 port 6G SAS expander, compatible with R2200, P4000M/L families of chassis (2U/4U 2.5” chassis). Based on LSI* LSISAS2x36 chip. Includes 3 screws and bumpers, 4 Mini-SAS cables and power cable.	1

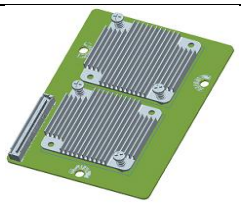
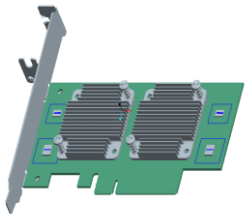
	FXX25HSCAR 918807 735858241182 5032037035910	Spare 2.5” HDD hot swap carriers	8
	FXX35HSADPB 912771 735858219495 5032037016391	Spare 3.5” HDD hot swap carriers Includes mounting screws for mounting 2.5” drives	8
    	When no key installed:	4 SATA channels active with SW RAID ‘basic’ which includes RSTe SW RAID 0/1/10/5 + LSI SW RAID 0/1/10	-
	RKSATA4R5 916346 735858238861 5032037033640	Enables LSI SATA SW RAID 5, Black	5
	RKSATA8 916347 735858238878 5032037033657	Activates 8 SATA ports and includes RSTe SW RAID 0/1/10/5 and LSI SW RAID 0/1/10 , Blue	5
	RKSATA8R5 916348 735858238885 5032037033664	Activates 8 SATA ports and includes RSTe SW RAID 0/1/10/5 and LSI SW RAID 0/1/10/5 (enables LSI SWR5), White	5
	RKSAS4 916349 735858238892 5032037033671	Activates 4 SAS ports and includes RSTe SW RAID 0/1/10 (no RAID 5) and LSI SW RAID 0/1/10 , Green	5
	RKSAS4R5 916350 735858238908 5032037033688	Activates 4 SAS ports and includes RSTe SW RAID 0/1/10 (no RAID 5) and LSI SW RAID 0/1/10/5 (enables LSI SWR5), Yellow	5
	RKSAS8 916351 735858238922 5032037033701	Activates 8 SAS ports and includes RSTe SW RAID 0/1/10 (no RAID 5) and LSI SW RAID 0/1/10 , Orange	5
	RKSAS8R5 916352 735858238915 5032037033695	Activates 8 SAS ports and includes RSTe SW RAID 0/1/10 (no RAID 5) and LSI SW RAID 0/1/10/5 (enables LSI SWR5), Purple	5
	A2U8X25HSDK 917914 735858241076 5032037035828	Spare/accessory 8x2.5” HDD drive upgrade kit for 2Usystem. (R2200 family) R2208 can take 1 additional bay with no other upgrades. For upgrading up to 24 drives (R2208 +2 bays, or R2216 + 1 bay) – standard control panel and ODD bay has to be replaced with rack ear panel (A2USTOPANEL) Includes power Y-cable and I2C jumper cable	1
	A2U8X25DPDK 917966 735858241069 5032037035811	Spare/accessory Dual Ported 8x2.5” HDD drive upgrade kit for 2Usystem. (R2200 family) R2208 can take 1 additional bay with no other upgrades.	1

		For upgrading up to 24 drives (R2208 +2 bays, or R2216 + 1 bay) – standard control panel and ODD bay has to be replaced with rack ear panel (A2USTOPANEL) Includes power jumper Y-cable and I2C jumper cable Not available at launch	

2.4 Expansion modules: IO Module, SAS Module, RMM4, TPM

Image	Product Code MM UPC	Description	MOQ
	AXXRMM4LITE 911660 735858219297 5032037014946	Activation key for advanced management features	1
	AXXRMM4R 920858 735858245296 5032037039819	Intel® Remote Management Module RMM4 for rack systems – Remote KVM upgrade key and Dedicated NIC Module	1
	AXXTPME5 919737 735858240352 5032037035088	TPM Module for server systems supporting S2600 and S2400 board families.	1
	AXX10GBNIAIOM 917905 735858241090 5032037035842	Dual SFP+ port 10GbE IO module based on Intel® 82599 10 Gigabit Ethernet Controller Supports direct connect or transceiver. Cables/transceivers not included. Includes three screws	1
	AXX10GBTWLIOM 917907 735858241113 5032037035866	Dual RJ-45 port 10GBASE-T IO module, based on Intel® Ethernet Controller X540 Includes three screws.	1
	AXX1FDRIBIOM 918607 735858241106 5032037035859	Single port, FDR 56GT/S speed Intel I/O Expansion Infiniband module, with QSFP connector, based on Mellanox CX3 MT27504A1-FCCR-FV chip. Includes three screws *Dual port shown on picture	1

*Dual port module shown			
	AXX2FDRIBIOM 920627 UPC/EAN to be udpated	Dual port, FDR 56GT/S (per port capable) speed Infiniband module, with QSFP connector, based on Mellanox CX3 MT27508A1-FCCR-FV chip. Note, due to PCIe3 x8 bandwidth limitation, both ports can't simultaneously function at full speed. Includes three screws	1
	AXX4P1GBPWLIOM 917911 735858241083 5032037035835	Quad port 1GbE IO Module based on Intel® Ethernet Controller I350 Includes three screws	1
  	Mezz. card: 8 ports RMS25CB080 917084 735858238977 5032037033756 PCIe card: 8 ports RMS25PB080 917056 00735858238946 5032037033725 Mezz. card: 4 ports RMS25CB040 917085 735858238984 5032037033763 PCIe card: 4 ports RMS25PB040 917078 735858238953 5032037033732	HW RAID SAS Module: 4/8 port internal SAS-2.1 version, Full HW RAID, LSI MegaRAID-based Firmware, 1GB DDR3, R0,1,10,5,50,6,60 Supports Battery Backup Unit. Based on LSI2208. Mezzanine card form factor – does not occupy PCIe slot, only compatible with systems enabled with SAS Module connector. PCIe card form factor – compatible with all EPSD boards, requires PCIe x8 slot.	5
	Mezz. card: 8 ports RMS25JB080 917087 735858239004 5032037033787 Mezz. card: 4 ports RMS25JB040 917088 735858239011 5032037033794 PCIe card: 8 ports RMS25KB080 917089 PCIe card: 4 ports	Entry-raid SAS Module: internal SAS-2.1 version, Entry-level LSI IR-based RAID 0,1,1E/straight SAS Based on LSI2308. Mezzanine card form factor – does not occupy PCIe slot, only compatible with systems enabled with SAS Module connector. PCIe card form factor – compatible with all EPSD boards, requires PCIe x8 slot.	5

	RMS25KB040 917090 735858239035 5032037033817		
	Mezz. card: 8 ports RMT3CB080 917086 735858238991 5032037033770 PCIe card: 8 ports RMT3PB080 917079 735858238960 5032037033749	HW RAID SATA Module: 8 Port internal SATA-3 version, Full HW RAID, LSI MegaRAID-based Firmware, 512MB DDR3, R0,1,10,5,50,6,60 Supports Battery Backup. Based on LSI2208. Mezzanine card form factor – does not occupy PCIe slot, only compatible with systems enabled with SAS Module connector. PCIe card form factor – compatible with all EPSD boards, requires PCIe x8 slot.	5
	AXXRSBBU9 914238 735858220286 5032037039567	Lithium Polymer RAID module battery backup unit.	5
	AXXRMFBU2 919876 735858244541 5032037039116	Maintenance Free Backup Unit with NAND Flash and Supercapacitor	5
	AXXQAAIOMOD 920561 735858244848 5032037039413	Intel Quick Assist Accelerator I/O Module Mezz Card	5
	AXXQAAPCIE 920562 735858244855 5032037039420	Intel Quick Assist Accelerator PCIe card	1

2.5 SAS cable kits (for upgrade to SAS modules, HBA cards and spares)

Image	Product Code MM UPC	Description	MOQ
	AXXCBL500MSMS 921858 735858245289 5032037039802	Kit of 2 cables, 500mm length, straight SFF-8087 to SFF-8087 connectors.	1
	AXXCBL650MSMS 918376 735858224444 5032037019910	Kit of 2 cables, 650mm length, straight SFF-8087 to SFF-8087 connectors.	1
	AXXCBL730MSMS 921049 735858245340 5032037039864	Kit of 2 cables, 730mm length, straight SFF-8087 to SFF-8087 connectors. Spare for R2308	1
	AXXCBL600MSMS 921048 735858245272 5032037039796	Kit of 2 cables, 600mm length, straight SFF-8087 to SFF-8087 connectors.	1
	AXXCBL585MSMR 921047 735858245265 5032037039789	Kit of 2 cables, 585mm length, straight SFF-8087 to right angle SFF-8087 connectors.	1
	AXXCBL850MS7R 921114 735858245371 5032037039895	Kit of 2 cables, 850mm length, straight SFF-8087 to right angle 7-pin SATA connectors.	1
	AXXCBL730MRMR 921045 735858245234 5032037039758	Kit of 2 cables, 730mm length, right angle SFF-8087 to right angle SFF-8087 connectors.	1
	AXXCBL550MRMR 921043 735858245227 5032037039741	Kit of 2 cables, 550mm length, right angle SFF-8087 to right angle SFF-8087 connectors.	1
	AXXCBL1030MR7R 921079 735858245258 5032037039772	Kit of 2 cables, 1030mm length, right-angle SFF-8087 to right angle 7-pin SATA connectors.	1
	AXXCBL770MSMR 921044 735858245241 5032037039765	Kit of 2 cables, 770mm length, straight SFF-8087 to right angle SFF-8087 connectors.	1
	AXXCBL165MSMS	Kit of 2 cables, 165mm length, straight SFF-8087 to right angle SFF-8087 connectors. Works for: integrated expander connection, chassis dependent.	1
	AXXCBL185MSMS	Kit of 2 cables,185mm length, straight SFF-8087 to right angle SFF-8087 connectors. Works for: : integrated expander connection, chassis dependent.	1
	AXXCBL245MSMS	Kit of 2 cables, 245mm length, straight SFF-8087 to right angle SFF-8087 connectors. Works for: : integrated expander connection, chassis dependent.	1

2.6 On-site repair and extended warranty

Image	Product Code MM UPC	Description
	SVCORDPSY 916902 1	Intel® On-site repair for two processor Intel® Server Systems.
	SVCEWDPSY 911295 1	Two year extended warranty for Intel® Server Systems or Intel® Server Knock Down Kits + Intel® Server Boards that support two processors. Intel® RAID controller extended warranty is purchased separately.
	SVCEWDPBD 911294 1	Two year extended warranty for Intel® Server Boards that support two processors.

2.7 VMware vSphere* and vCenter* Server SKUs

Each VMware vSphere SKU contains a paper certificate with a software product activation code. As directed on the certificate, the end user must register the product activation code with VMware at http://www.vmware.com/code/intel to access VMware Software, Support and Subscription Services.

VMware vSphere* and vCenter* Server Editions

All VMware vSphere SKUs (except Essentials) are bundled with either 1 year VMware Basic 12x5 (formerly Gold) or with 1 year VMware Production 24x7 (formerly Platinum) Support and Subscription. The Essentials SKU is bundled with 1 year VMware Subscription.

Essentials	VMware vSphere* 4 Essentials Bundle for 3 hosts (Max 2 processors per host and 6 cores per CPU) with 1 year VMware Subscription.
Essentials Plus	VMware vSphere* 4 Essentials Plus Bundle for 3 hosts (Max 2 processors per host and 6 cores per CPU) with 1 year VMware Basic (12x5) Support and Subscription with 1 year VMware Production (24x7) Support and Subscription
Standard	VMware vSphere* 4 Standard for 1 Processor (Max 6 cores per CPU)

	with 1 year VMware Basic (12x5) Support and Subscription with 1 year VMware Production (24x7) Support and Subscription
Advanced	VMware vSphere* 4 Advanced for 1 Processor (Max 12 cores per CPU) with 1 year VMware Basic (12x5) Support and Subscription with 1 year VMware Production (24x7) Support and Subscription
Enterprise Plus	VMware vSphere* 4 Enterprise Plus for 1 Processor (Max 12 cores per CPU) with 1 year VMware Basic (12x5) Support and Subscription with 1 year VMware Production (24x7) Support and Subscription
VMware vCenter* Server Standard for vSphere	VMware vCenter* Server 4 Standard for vSphere* (Includes Orchestrator and Linked Mode), Management console required for Advanced, Standard and Enterprise Plus SKUs with 1 year VMware Basic (12x5) Support and Subscription with 1 year VMware Production (24x7) Support and Subscription

VMware vSphere* and VMware vCenter* – Order Codes:

Product Code	UPC	MM	Description	MOQ
VMW4ESS	7 35858 21272 4	904791	Paper certificate containing software license activation code for VMware vSphere* 4 Essentials Bundle for 3 hosts (Max 2 CPUs per host and 6 cores per CPU) with 1 year VMware Subscription.	1
VMW4ESSPLUS	7 35858 21273 1	904792	Paper certificate containing software license activation code for VMware vSphere* 4 Essentials Plus Bundle for 3 hosts (Max 2 CPUs per host and 6 cores per CPU) with 1 year VMware Basic (formerly Gold) Support and Subscription.	1
VMW4ESSPLUSP	7 35858 21512 1	908061	Paper certificate containing software license activation code for VMware vSphere* 4 Essentials Plus Bundle for 3 hosts (Max 2 CPUs per host and 6 cores per CPU) with 1 year VMware Production Support and Subscription.	1
VMW4STD	7 35858 21274 8	904793	Paper certificate containing software license activation code for VMware vSphere* 4 Standard for 1 Processor (Max 6 cores per CPU) with 1 year VMware Basic (formerly Gold) Support and Subscription.	1
VMW4STDP	7 35858 21513 8	908062	Paper certificate containing software license activation code for VMware vSphere* 4 Standard for 1 Processor (Max 6 cores per CPU) with 1 year VMware Production Support and Subscription.	1
VMW4ADV	7 35858 21275 5	904797	Paper certificate containing software license activation code for VMware vSphere* 4 Advanced for 1 Processor (Max 12 cores per CPU) with 1 year VMware Basic (formerly Gold) Support and Subscription.	1
VMW4ADVP	7 35858 21514 5	908063	Paper certificate containing software license activation code for VMware vSphere* 4 Advanced for 1 Processor (Max 12 cores per CPU) with 1 year VMware Production Support and Subscription.	1

VMW4ENTPLUS	7 35858 21276 2	904800	Paper certificate containing software license activation code for VMware vSphere* 4 Enterprise Plus for 1 Processor (Max 12 cores per CPU) with 1 year VMware Basic (formerly Gold) Support and Subscription.	1
VMW4ENTPLUSP	7 35858 21511 4	908064	Paper certificate containing software license activation code for VMware vSphere* 4 Enterprise Plus for 1 Processor (Max 12 cores per CPU) with 1 year VMware Production Support and Subscription.	1
VMWVCSTD	7 35858 21277 9	904801	Paper certificate containing software license activation code for VMware vCenter* Server 4 Standard (includes Orchestrator and Linked Mode) with 1 year VMware Basic (formerly Gold) Support and Subscription.	1
VMWVCSTDP	7 35858 21515 2	908065	Paper certificate containing software license activation code for VMware vCenter* Server 4 Standard (includes Orchestrator and Linked Mode) with 1 year VMware Production Support and Subscription.	1

2.8 Symantec Backup Exec 2010 SKUs

Each SKU contains a paper certificate with a Voucher key code. As directed on the certificate under "Frequently Asked Questions", the end user must go to the Symantec licensing portal at http://licensing.Symantec.com to redeem their Voucher key. A Sales Order Number is also on the certificate and required for redemption. Please follow all the steps to obtain serial numbers and register for support.

Symantec Backup Exec 2010 Suites

All SKUs are bundled with 1 year Symantec Essentials (24x7) support.

Symantec Backup Exec 2010	Provides an all-in-one solution for small offices to consolidate and manage many application workloads while reducing hardware and operating costs with a low up-front investment. • One Backup Exec Server (per server)
Symantec Backup Exec 2010 for Windows Small Business Server	The perfect data protection solution for Microsoft* Windows Small Business Server Standard and Premium editions. This robust solution provides integrated deduplication, granular restore features, open file protection, disaster recovery and backup protection for Microsoft Exchange, SharePoint Services, SQL and Windows workstations. • One Backup Exec for Windows Small Business Server (per server) • One Agent for Microsoft Exchange server • One Agent for Microsoft SQL Server • One Agent for Microsoft Exchange Server • One Agent for Microsoft Sharepoint Server • Desktop/laptop option (up to 75) • System Recovery for one Windows server • System Recovery for one Windows Small Business server
Symantec Backup Exec 2010 Microsoft Exchange Suite	Provides complete protection for your business-critical email server running Microsoft Exchange. • One Backup Exec Server (per server) • One Agent for Microsoft* Exchange Server (per server)
Symantec Backup Exec 2010 Microsoft SQL Suite	Provides complete protection for a business-critical transactional server running Microsoft SQL • One Backup Exec Server (per server) • One Agent for Microsoft* SQL Server (per server)
Symantec Backup Exec 2010 Multi-Server Suite	Provides a Remote Agent, Continuous Protection Agent capabilities, and also includes the Advanced Open File Option and Intelligent Disaster Recovery Option. • One Backup Exec Server (per server) • Three Agents for Microsoft* Windows Systems (per server)
Symantec Backup Exec 2010 VMware Infrastructure Suite	Backup for an unlimited number of guests running on VMware* virtualization environments on one physical server. • One Backup Exec Server (per server) • One Agent for VMware Virtual Infrastructure* (per server)
Symantec Backup Exec 2010 Microsoft Hyper-V Suite	Backup for an unlimited number of guests running on Microsoft Hyper-V* on one physical server. • One Backup Exec Server (per server) • One Agent for Microsoft Hyper-V (per server)
Symantec Backup Exec 2010 Multi-Server DeDuplication Suite	Backup for four Windows Servers, including deduplication option • One Backup Exec Server (per server) • Three Agents for Microsoft Windows Systems (per server) • One Option for Deduplication (per server)
Symantec Backup Exec 2010 Exchange DeDuplication and Archiving Suite	Backup for one Windows Server with Microsoft Exchange, including deduplication and archiving options: • One Backup Exec Server (per server) • One Agent for Microsoft Exchange Server (per server) • One Option for Deduplication (per server)

	• One Option for Microsoft Exchange Mailbox Archiving (up to 10 mailboxes)

Symantec Backup Exec 2010 – Order Codes:

Product Code	UPC	MM	Description	MOQ
SYMCBE	7 35858 21992 1	911526	Paper certificate containing voucher key for one Backup Exec Media Server license with 1 year Symantec Essentials 24x7 Support.	1
SYMCBESBS	7 35858 21996 9	911532	Paper certificate containing voucher key for one Backup Exec for Windows* Small Business Server (SBS), agent for Microsoft Exchange, agent for Microsoft SQL, agent for Microsoft Sharepoint, agent for Windows systems (1 license), Desktop and Laptop option (up to 75 licenses), and Backup Exec System Recovery 2010 (1 license for server and SBS server) with 1 year Symantec Essentials 24x7 Support.	1
SYMCBE3WIN	7 35858 21993 8	911554	Paper certificate containing voucher key for one Backup Exec Media Server license and three Agent for Windows Systems with 1 year Symantec Essentials 24x7 Support.	1
SYMCBEEXC	7 35858 21994 5	911533	Paper certificate containing voucher key for one Backup Exec Media Server license and agent for Microsoft Exchange Server 2003, 2007 and, 2010 SP1 with 1 year Symantec Essentials 24x7 Support.	1
SYMCBESQL	7 35858 21997 6	911534	Paper certificate containing voucher key for one Backup Exec Media Server license and agent for Microsoft SQL Server 2008 R2, 2005, and 2000 users with granular protection on 32- and 64-bit systems down to the individual database or file group with 1 year Symantec Essentials 24x7 Support.	1
SYMCBEVMW	7 35858 21998 3	911536	Paper certificate containing voucher key for one Backup Exec Media Server license and one Backup Exec 2010 Agent for VMware Virtual Infrastructures with 1 year Symantec Essentials 24x7 Support.	1
SYMCBEHYP	7 35858 21995 2	911543	Paper certificate containing voucher key for one Backup Exec Media Server license and one Backup Exec 2010 Agent for Microsoft Hyper-V license with 1 year Symantec Essentials 24x7 Support.	1
SYMCDEDUP	7 35858 21999 0	911544	Paper certificate containing voucher key for one Backup Exec Media Server license, three Agent for Windows Systems, and one Deduplication Option license which will support your entire media server environment with 1 year Symantec Essentials 24x7 Support.	1
SYMCDEDUPA	7 35858 22000 2	911545	Paper certificate containing voucher key for one Backup Exec Media Server license, one Deduplication Option license, one Exchange Archive option (10 pack), and one Agent for Exchange with 1 year Symantec Essentials 24x7 Support.	1